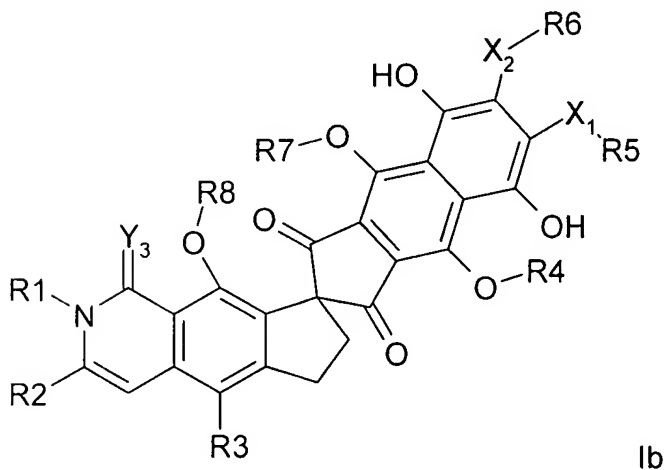
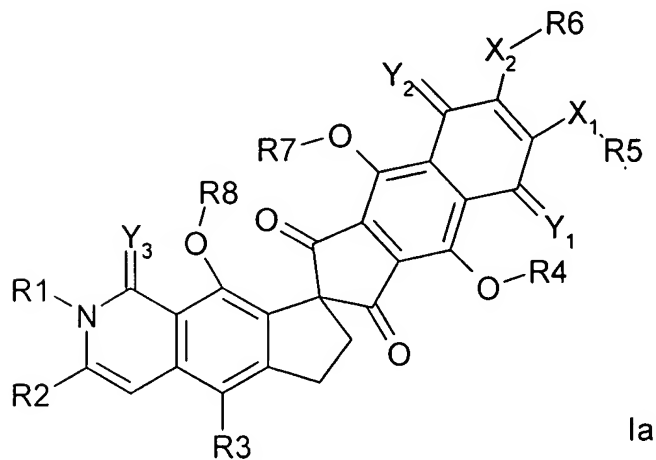


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) The compounds according to the general formula Ia or Ib:

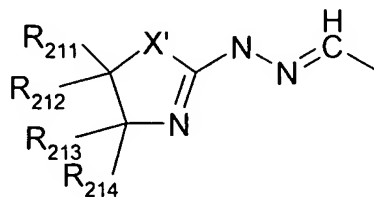


wherein in each,

R1 means H, C₁-C₆ alkyl, cycloalkyl, C₁-C₄ alkylcycloalkyl,

R2 means C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkyl heteroaryl, cycloalkyl, C₁-C₄ alkyl-cycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+0-p}Y_p

(with $m = 1$ to 6 , for $o = 1$, $p = 1$ to $2m+o$; for $m = 2$ to 6 , $o = -1$, $p = 1$ to $2m+o$; for $m = 4$ to 6 , $o = -2$, $p = 1$ to $2m+o$; $Y =$ independently from each other selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), CH₂NHCOR21, CH₂NHCSR21, CH₂S(O)_nR21, with $n = 0, 1, 2$, CH₂SCOR21, CH₂OSO₂-R21, CHO, CH=NOH, CH(OH)R21, -CH=NOR21, -CH=NOCOR21, -CH=NOCH₂CONR21R22, -CH=NOCH(CH₃)CONR21R22, -CH=NOC(CH₃)₂CONR21R22, -CH=N-NHCO-R23, -CH=N-NHCO-CH₂NHCOR21, -CH=N-O-CH₂NHCOR21, -CH=N-NHCS-R23, -CH=CR₂₄R₂₅ (trans or cis), COOH, COOR21,



CONR21R22, -CH=NR21, -CH=N-NR21R22, , with $X' =$ NR215, O, S, and R211, R212, R213, R214, R215 being independently from each other H or C₁-C₆ alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂ heteroaryl,

R21, R22 are independently from each other C₁-C₁₄ alkyl, C₁-C₁₄ alkanoyl, C₁-C₆ alkylhydroxy, C₁-C₆ alkylamino, C₁-C₆ alkylamino-C₁-C₆ alkyl, C₁-C₆ alkylamino-di-C₁-C₆ alkyl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, aryl, aryloyl, C₁-C₄ alkylaryl, heteroaryl, heteroaryloyl, C₁-C₄ alkylheteroaryl, cycloalkanoyl, C₁-C₄ alkanoylcycloalkyl, heterocycloalkanoyl, C₁-C₄ alkanoylheterocycloalkyl, C₁-C₄ alkanoylaryl, C₁-C₄ alkanoylheteroaryl, mono- and di-sugar residues linked through a C atom which would carry an OH residue in the sugar, wherein the sugars are independently from each other selected from the group consisting of glucuronic acid and its stereo isomers at all optical C-atoms, aldopentoses, aldohexoses, including their desoxy compounds (such as e.g. glucose, desoxyglucose, ribose, desoxyribose),

R23 independently of R21, has the same meanings as R21, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R24, R25 together mean C₄-C₈ cycloalkyl,

R3 means H, F, Cl, Br, I, OH, OR31, NO₂, NH₂, NHR31, NR31R32, NHCHO, NHCOR31, NHCOCF₃, CH₃-_mhal_m (with hal = Cl, F, especially F, and m = 1, 2, 3), OCOR31,

R31, 32 independently from each other mean C₁-C₆ alkyl,

R5, R6 Independently from each other mean H, C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X₁-C-C-X₂, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C₁-C₆ alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

X1 means O, S, NH, N-C₁-C₈ alkyl, N-cycloalkyl,

X2 means O, S, NH, N-C₁-C₈ alkyl, N-cycloalkyl,

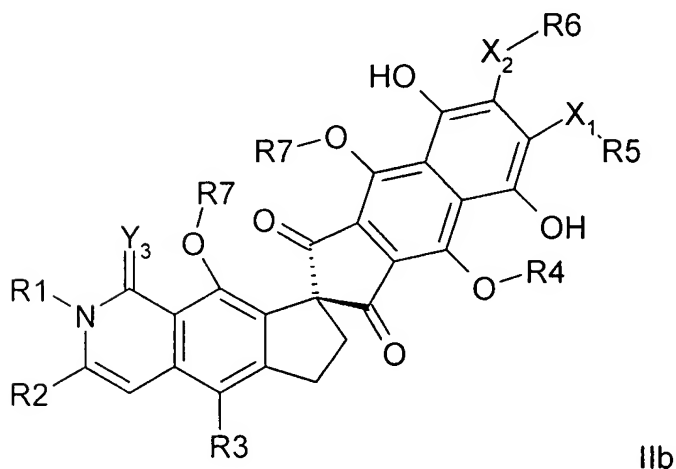
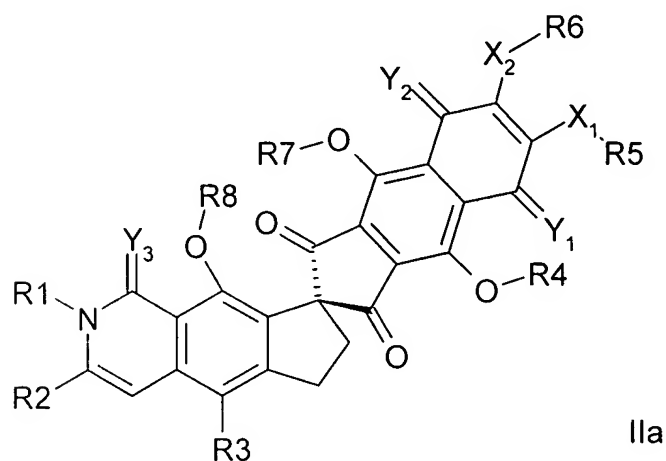
Y1 means O, N-R9, wherein R9 can, independently from R5, adopt the same meanings as R5,

Y2 means O, N-R10, wherein R10 can, independently from R5, adopt the same meanings as R5,

and, if Y1 or Y2 are N-R9 or N-R10, X2-R6 may be H,
Y3 means O, S, NH,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

2. (Original) The compounds according to claim 1, wherein Formula Ia or Ib adopt the stereochemistry of Formula IIa or IIb



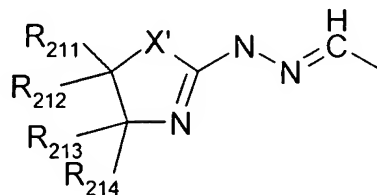
3. (Currently amended) The compounds according to claim 1, claim 1 or 2, wherein the residues R have the meanings indicated above, and wherein R2 has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times

higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R2 being CH=CH-CH=CH-CH₃, with all other residues being maintained.

4. (Currently amended) The compounds according to one of claim 1, ~~the claims 1 to 3~~, wherein

R1 means H, C₁-C₅ alkyl, cycloalkyl, especially H,

R2 means C₁-C₅ alkyl, C₁-C₄ alkylaryl, C₂-C₅ alkenyl, heteroaryl, C₁-C₄ alkylheteroaryl, CHF₂, CF₃, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH₃, CHOH-CHOH-CH=CH-CH₃, CH=CH-CHOH-CHOH-CH₃, CH₂Y (Y = F, Cl, Br, I), CH₂NH₂, CH₂NR₂₁R₂₂, CH₂NHCOR₂₃, CH₂NHCSR₂₃, CH₂SH, CH₂S(O)_nR₂₁, with n = 0, 1, 2, CH₂SCOR₂₁, particularly CH₂OH, CH₂OR₂₁, CH₂OSO₂-R₂₁, particularly CHO, CH(OR₂₁)₂, CH(SR₂₁)₂, CN, CH=NOH, CH=NOR₂₁, CH=NOCOR₂₁, CH=N-NHCO-R₂₃, CH=CR₂₄, R₂₅ (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR₂₁,



CONR₂₁R₂₂, -CH=NR₂₁, -CH=N-NR₂₁R₂₂, , (with X' = NR₂₁₅, O, S, and R₂₁₁, R₂₁₂, R₂₁₃, R₂₁₄, R₂₁₅ being independently from each other H or C₁-C₆ alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂ heteroaryl, CH=N-NHCO-R₂₃,

R₂₁, R₂₂ independently from each other mean C₁-C₆ alkyl, cycloalkyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl,

R₂₃ independently of R₂₁, has the same meanings as R₂₁, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R₂₄ independently of R₂₁, has the same meanings as R₂₁, or H, CN, COCH₃, COOH, COOR₂₁, CONR₂₁R₂₂, NH₂, NHCOR₂₁,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R24, R25 together mean C₄-C₈ cycloalkyl,

R3 means F, Cl, Br, I, NO₂, NH₂, NHCOR31,

R31 independently from each other means C₁-C₆ alkyl,

R5, R6 independently from each other mean H, C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X₁-C-C-X₂, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C₁-C₆ alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

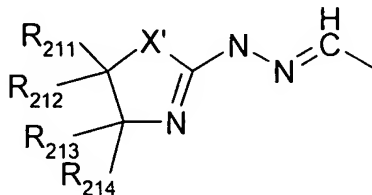
Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

5. (Currently amended) The compounds according to claim 1 ~~one of the claims 1 to 4~~ in the form of their inclusion compounds with cyclodextrin, particularly alpha cyclodextrin.

6. (Currently amended) Drugs containing compounds according to claim 1 ~~one of the claims 1 to 6~~, as well as the usual carrier and adjuvants.
7. (Original) Drugs according to claim 6 in combination with further agents for tumor treatment.
8. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for tumor treatment, particularly of those that can be treated by inhibition of the topoisomerases I and/or II.
9. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for treatment of parasites.
10. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for immunosuppression.
11. (Currently amended) The use of compounds according to claim 1 ~~one of the claims 1 to 5~~ for preparation of drugs for treatment of neurodermitis.
12. (New) The compounds according to claim 2 wherein the residues R have the meanings indicated above, and wherein R₂ has a water solubility that is at least two times higher, preferably at least five times higher, more preferred at least ten times higher, particularly preferred at least fifty times higher, particularly hundred times higher, or even five hundred times higher compared to R₂ being CH=CH-CH=CH-CH₃, with all other residues being maintained.
13. (New) The compounds according to claim 2 wherein
 - R₁ means H, C₁-C₅ alkyl, cycloalkyl, especially H,
 - R₂ means C₁-C₅ alkyl, C₁-C₄ alkylaryl, C₂-C₅ alkenyl, heteroaryl, C₁-C₄ alkylheteroaryl, CHF₂, CF₃, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH₃, CHOH-CHOH-

CH=CH-CH₃, CH=CH-CHOH-CHOH-CH₃, CH₂Y (Y = F, Cl, Br, I), CH₂NH₂, CH₂NR₂₁R₂₂, CH₂NHCOR₂₃, CH₂NHCSR₂₃, CH₂SH, CH₂S(O)_nR₂₁, with n = 0, 1, 2, CH₂SCOR₂₁, particularly CH₂OH, CH₂OR₂₁, CH₂OSO₂-R₂₁, particularly CHO, CH(OR₂₁)₂, CH(SR₂₁)₂, CN, CH=NOH, CH=NOR₂₁, CH=NOCOR₂₁, CH=N-NHCO-R₂₃, CH=CR₂₄, R₂₅ (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR₂₁,



CONR₂₁R₂₂, -CH=NR₂₁, -CH=N-NR₂₁R₂₂, (with X' = NR₂₁₅, O, S, and R₂₁₁, R₂₁₂, R₂₁₃, R₂₁₄, R₂₁₅ being independently from each other H or C₁-C₆ alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂ heteroaryl, CH=N-NHCO-R₂₃,

R₂₁, R₂₂ independently from each other mean C₁-C₆ alkyl, cycloalkyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl,

R₂₃ independently of R₂₁, has the same meanings as R₂₁, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R₂₄ independently of R₂₁, has the same meanings as R₂₁, or H, CN, COCH₃, COOH, COOR₂₁, CONR₂₁R₂₂, NH₂, NHCOR₂₁,

R₂₅ independently of R₂₁, has the same meanings as R₂₁, or H, CN, COCH₃, COOH, COOR₂₁, CONR₂₁R₂₂, NH₂, NHCOR₂₁,

R₂₄, R₂₅ together mean C₄-C₈ cycloalkyl,

R₃ means F, Cl, Br, I, NO₂, NH₂, NHCOR₃₁,

R₃₁ independently from each other means C₁-C₆ alkyl,

R5, R6 independently from each other mean H, C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X₁-C-C-X₂, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C₁-C₆ alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

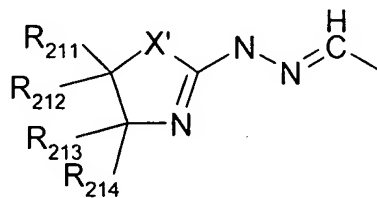
Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

14. (New) The compounds according to claim 3 wherein

R1 means H, C₁-C₅ alkyl, cycloalkyl, especially H,

R2 means C₁-C₅ alkyl, C₁-C₄ alkylaryl, C₂-C₅ alkenyl, heteroaryl, C₁-C₄ alkylheteroaryl, CHF₂, CF₃, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH₃, CHOH-CHOH-CH=CH-CH₃, CH=CH-CHOH-CHOH-CH₃, CH₂Y (Y = F, Cl, Br, I), CH₂NH₂, CH₂NR21R22, CH₂NHCOR23, CH₂NHCSR23, CH₂SH, CH₂S(O)_nR21, with n = 0, 1, 2, CH₂SCOR21, particularly CH₂OH, CH₂OR21, CH₂OSO₂-R21, particularly CHO, CH(OR21)₂, CH(SR21)₂, CN, CH=NOH, CH=NOR21, CH=NOCOR21, CH=N-NHCO-R23, CH=CR24, R25 (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR21,



CONR21R22, -CH=NR21, -CH=N-NR21R22, , (with X' =

NR215, O, S, and R211, R212, R213, R214, R215 being independently from each other H or C₁-C₆ alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂ heteroaryl, CH=N-NHCO-R23,

R21, R22 independently from each other mean C₁-C₆ alkyl, cycloalkyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl,

R23 independently of R21, has the same meanings as R21, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R24, R25 together mean C₄-C₈ cycloalkyl,

R3 means F, Cl, Br, I, NO₂, NH₂, NHCOR31,

R31 independently from each other means C₁-C₆ alkyl,

R5, R6 independently from each other mean H, C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X₁-C-C-X₂, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C₁-C₆ alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

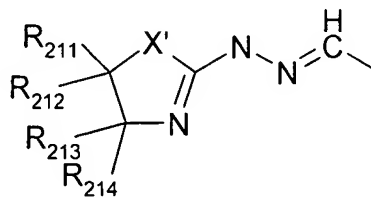
Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.

15. (New) The compounds according to claim 12 wherein

R1 means H, C₁-C₅ alkyl, cycloalkyl, especially H,

R2 means C₁-C₅ alkyl, C₁-C₄ alkylaryl, C₂-C₅ alkenyl, heteroaryl, C₁-C₄ alkylheteroaryl, CHF₂, CF₃, polyol side chain, particularly CHOH-CHOH-CHOH-CHOH-CH₃, CHOH-CHOH-CH=CH-CH₃, CH=CH-CHOH-CHOH-CH₃, CH₂Y (Y = F, Cl, Br, I), CH₂NH₂, CH₂NR₂₁R₂₂, CH₂NHCOR₂₃, CH₂NHCSR₂₃, CH₂SH, CH₂S(O)_nR₂₁, with n = 0, 1, 2, CH₂SCOR₂₁, particularly CH₂OH, CH₂OR₂₁, CH₂OSO₂-R₂₁, particularly CHO, CH(OR₂₁)₂, CH(SR₂₁)₂, CN, CH=NOH, CH=NOR₂₁, CH=NOCOR₂₁, CH=N-NHCO-R₂₃, CH=CR₂₄, R₂₅ (trans or cis), particularly COOH (particularly their physiologically tolerable salts), COOR₂₁,



CONR₂₁R₂₂, -CH=NR₂₁, -CH=N-NR₂₁R₂₂, (with X' = NR₂₁₅, O, S, and R₂₁₁, R₂₁₂, R₂₁₃, R₂₁₄, R₂₁₅ being independently from each other H or C₁-C₆ alkyl), -CH=N-NHSO₂ aryl, -CH=N-NHSO₂ heteroaryl, CH=N-NHCO-R₂₃,

R₂₁, R₂₂ independently from each other mean C₁-C₆ alkyl, cycloalkyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl,

R₂₃ independently of R₂₁, has the same meanings as R₂₁, or CH₂-pyridinium salts, CH₂-tri-C₁-C₆ alkylammonium salts,

R24 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R25 independently of R21, has the same meanings as R21, or H, CN, COCH₃, COOH, COOR21, CONR21R22, NH₂, NHCOR21,

R24, R25 together mean C₄-C₈ cycloalkyl,

R3 means F, Cl, Br, I, NO₂, NH₂, NHCOR31,

R31 independently from each other means C₁-C₆ alkyl,

R5, R6 independently from each other mean H, C₁-C₁₄ alkyl, C₂-C₁₄ alkenyl, aryl, C₁-C₄ alkylaryl, heteroaryl, C₁-C₄ alkylheteroaryl, cycloalkyl, C₁-C₄ alkylcycloalkyl, heterocycloalkyl, C₁-C₄ alkylheterocycloalkyl, C_mH_{2m+o-p}Y_p (with m = 1 to 6, for o = 1, p = 1 to 2m+o; for m = 2 to 6, o = -1, p = 1 to 2m+o; for m = 4 to 6, o = -2, p = 1 to 2m+o; Y = independently selected from the group consisting of halogen, OH, OR21, NH₂, NHR21, NR21R22, SH, SR21), or R5 and R6, together with X₁-C-C-X₂, form a ring with 5, 6, or 7 members,

R4, R7, R8 independently from each other mean H, C₁-C₆ alkyl, CO-R41,

R41 independently from R21 has the same meanings as R21,

Y3 means O, S, preferably O,

as well their stereoisomers, tautomers, and their physiologically tolerable salts or inclusion compounds.